

Title (en)

HIGH-VOLTAGE CURRENT TRANSDUCER AND METHOD FOR PRODUCING IT

Publication

**EP 0232471 B1 19911204 (DE)**

Application

**EP 86115071 A 19861030**

Priority

- DE 3540547 A 19851115
- DE 3608391 A 19860313

Abstract (en)

[origin: US4701738A] A high-voltage current transformer of the head design with a column made of insulating material which supports the head housing. The primary lead is approximately U-shaped, whereby only its horizontal base passes through the central opening of secondary system and at least one of its two legs passes downwardly through a sealing plate in an insulating-medium-tight fashion to outside the space delimited by insulating column, and is contactable from below. The other of the two legs passes through sealing plate in the case of a switchable primary lead likewise downward in an insulating-medium-tight fashion and is directly contactable or in the case of a non-switchable primary is electrically connected to the sealing plate without any holes therethrough. The head housing, designed as hood, also completely encloses primary lead and secondary system from above and is fastened in an insulating-medium-tight fashion to sealing plate.

IPC 1-7

**H01F 40/06**

IPC 8 full level

**H01F 38/30** (2006.01); **H01F 38/32** (2006.01)

CPC (source: EP US)

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